## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L31	1	"5578523".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 09:47
L30	1	"5576523".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 09:47
L29	1	"5420072".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 09:47
L28	60	"5420072"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 09:43
L27	40	26 and (stage chamber cluster)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 09:43
L26	52	(purg\$4 degas\$4) with carrier with (nitrogen "n.sub.2") with temperature	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 09:32
L8	495	(purg\$4 degas\$4) with carrier with (nitrogen "n.sub.2") and ((deposit\$5) with (metal))	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 09:32
L25	67	9 and (stage cluster chamber)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 09:31
L9	71	8 and @ad<="19970214"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 09:31
L24	5	degas\$4 with carrier with (nitrogen "n. sub.2") with temperature	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 09:30
L2	21	degas\$4 with carrier with (nitrogen "n. sub.2")	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 09:30
L23	27	22 and ("438" "257").clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 09:28
L22	117	(purg\$4 degas\$4) with carrier with ((nitrogen "n.sub.2") with inert)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 09:28
L21	192	(purg\$4 degas\$4) with carrier with ((nitrogen "n.sub.2") and inert)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 09:28
L7	3	(purg\$4 degas\$4) with carrier with (nitrogen "n.sub.2") with (deposit\$4) with (metal)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 09:28

## **EAST Search History**

			=			
L20	16	("5037773"   "5102832"   "5130885"   "5191509"   "5266514"   "5278091"   "5318920"   "5320880"   "5340765"   "5366917"   "5385863"   "5405801"   "5418180"   "5444013"   "5458697"   "5489544").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/09 09:24
L19	24	(tin (titanium adj nitride)) with cvd with carrier with (nitrogen "n.sub.2")	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 09:19
L17	419	cvd with carrier with (nitrogen "n.sub. 2")	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 09:19
L18	92	17 and @ad<="19970214"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 09:11
L14	38	13 and @ad<="19970214"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 09:11
L16	32	15 and purg\$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 09:10
L15	175	moslehi.inv.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 09:03
L13	417	3 and "257".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 09:00
L6	51	4 and @ad<="19970214"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 09:00
L4	405	3 and "438".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 09:00
L12	28	11 and "438".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 08:59
L11	54	((titanium adj nitride) tin) with ((chemical adj vapor) cvd) with carrier with (nitrogen "n.sub.2")	US-PGPUB; USPAT; USOCR	OR ·	ON .	2007/10/09 08:59
L10	9	(titanium adj nitride) with ((chemical adj vapor) cvd) with carrier with (nitrogen "n.sub.2")	US-PGPUB; · USPAT; USOCR	OR	ON	2007/10/09 08:58
L3	993	(purg\$4 degas\$4) with carrier with (nitrogen "n.sub.2")	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 08:54
L5	405	4 and ad@<="19970214"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 08:52

## **EAST Search History**

S87	32	S86 and barrier and seed	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/06 15:28
S86	917	S85 and @ad<="19970214"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/06 15:28
S85	6116	S84 and (ti titanium) with (cvd pecvd (chemical adj vapor))	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/06 15:28
S84	9612	(tin (titanium adj nitride)) with (cvd pecvd (chemical adj vapor))	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/06 15:28
S83	46	S82 and seed with (ti titanium) with (cvd pecvd (chemical adj vapor))	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/06 15:28
S82	2168	barrier with (tin (titanium adj nitride)) with (cvd pecvd (chemical adj vapor))	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/06 15:28
S81	6	S80 and seed with (ti titanium) with (cvd pecvd (chemical adj vapor))	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/06 15:26
S80	172	S78 and barrier with (tin (titanium adj nitride)) with (cvd pecvd (chemical adj vapor))	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/06 15:26
S79	424	S78 and barrier and seed	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/06 15:24
S78	1366	((438/643) or (438/644)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/06 15:23
S77	15	S74 and barrier and seed	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/06 15:23
S74	254	((438/632) or (438/646)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/06 15:23
S75	86	S74 and wet\$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/06 15:22
S76	86	S75 and ad@<="19970214"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/06 15:05